

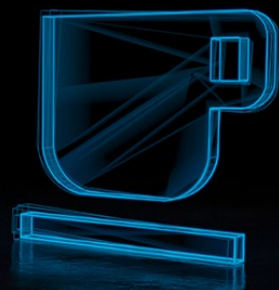


THE
TECHNOLOGY
PROVIDER

FORTI DECEPTOR

ALSO & FORTINET

Tech & Snack



Chris Tanasic, ALSO Schweiz AG
Alexander Holzer, Fortinet

April 13th, 2022

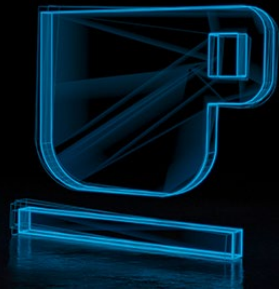




WELCOME TO THE VERY FIRST TECH & SNACK 😊

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AGENDA

- ▶ **Introduction: ALSO Fortinet Team**
- ▶ **Technical Services/Resources at ALSO**
 - ▶ **FortiWIKI**
 - ▶ **ATEC – ALSO Technical Expert Circle**
- ▶ **Main Part: FortiDeceptor**
- ▶ **Afternoon: Optional Hands-on Lab**



HOUSEKEEPING RULES



This webinar will be RECorded



To ask questions, please use **MS Teams chat**



Slides (incl. Contact Details) will be sent **within 1-3 days**



To provide feedback, please **complete the survey**

HOUSEKEEPING RULES

- ▶ If you want to participate in the **Hands-on Lab (afternoon)**
 - ▶ Please write an E-Mail to: aholzer@fortinet.com
 - ▶ No later than **11:00 (!)**
- ▶ Lab will start at **13:00** and close at **16:00**
- ▶ Alexander will be available in the chat
- ▶ You will receive **Instructions & Lab Guide** by E-Mail

ENJOY YOUR HONEY POT

100% NATURAL

0% DECEPTIVE

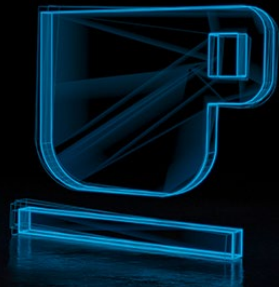




INTRODUCTION: ALSO FORTINET TEAM

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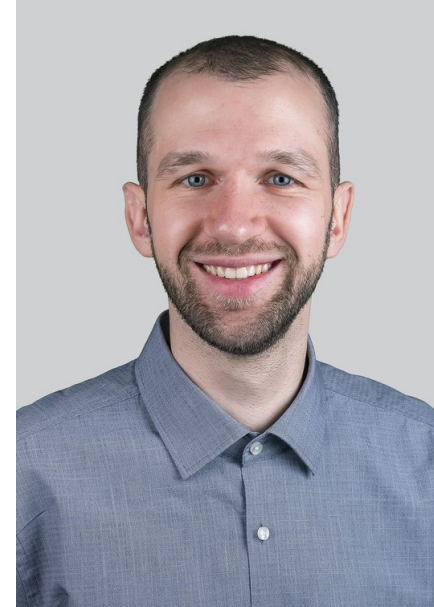
CVIJETIN (CHRIS) TANASIC

► Technical Consultant Security

- 3 years at ALSO

► Certifications

- NSE 1 – 3
- NSE 4
- NSE 7



- E-Mail : cvijetin.tanasic@also.com

MARTIN (TINU) RUESCH

► Technical Consultant Security

- 7 years at ALSO

► Certifications

- NSE 1 – 3
- NSE 4
- NSE 5 (FAZ – FMG)
- NSE 7
- CCSA
- CCSE



- E-Mail : martin.ruesch@also.com

ALSO FORTINET TEAM



Lukas Tuor
Head of
BU Security



Claire Horlent
Business Development
Manger



Olivier Isoz
Business Development
Manager



Enes Uysal
Business Development
Manager



Sandro Amrein
Product Manager



Adrian Nrejaj
Product Manager



Patrizia Warmuth
Inside Sales



Boris Vitkovic
Inside Sales



Martin Ruesch
Technical Consultant



Cvijetin Tanasic
Technical Consultant

Contact Information

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Microsite <https://fortinet.also.ch>
FortiWiki <https://fortinet.also.ch/Wiki>

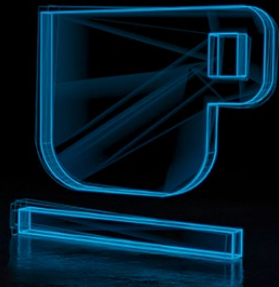
Pers. E-Mail first.lastname@also.com



TECHNICAL SERVICES/RESOURCES AT ALSO

ALSO & FORTINET

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TECHNICAL SUPPORT

- ▶ **ALSO Support Portal:** <https://sec-support.also.com>



- ▶ **Fortinet Support Portal (L3/L4 Tickets):** <https://fortinet.support.com>

- ▶ **Expertise**

- ▶ Proactive Monitoring: Latest Releases & Known Issues
- ▶ Ongoing Education & Certification
- ▶ Cooperation with ALSO DACH Engineering Team

- ▶ **5x Dedicated Supporters**

- ▶ 2x in Switzerland
- ▶ 3x in Germany (ALSO Enterprise Services)

PRE-SALES

▶ **Sizing**

- ▶ E.g. when replacing non-Fortinet products

▶ **Project Support**

- ▶ Demos
- ▶ If necessary, involving Fortinet SEs

▶ **Physical Demopool**

- ▶ FortiGate
- ▶ FortiSwitch
- ▶ FortiAccessPoint
- ▶ Plus, providing Trial Licenses

▶ **Campaigns**

- ▶ E.g. CTAP

TRAININGS – NSE

► Official NSE Trainings

- **NSE 4 FortiGate I – Security** (3 days)
- **NSE 4 FortiGate II – Infrastructure** (2 days)
- NSE 5 FortiAnalyzer (2 days)
- NSE 5 FortiManager (2 days)
- NSE 7 Fortinet Enterprise Firewall (3 days)

► Individualized trainings on demand

► Link: <https://www.also-training.ch>

- Contact: training-ch@also.com or fortinet-ch@also.com

TRAININGS – ENTRY LEVEL

▶ “FortiGate für Einsteiger”

- ▶ Two-day course, in German
- ▶ Focus: FortiOS 6.4 (7.0 coming soon)

▶ Basis for NSE 4

- ▶ Initial Configuration & Administration
- ▶ Policies & NAT
- ▶ Logs
- ▶ AntiVirus & WebFilter
- ▶ IPsec & SSL VPN

▶ Includes a Hands-on Lab

▶ Link: <https://www.also-training.ch>

- ▶ Contact: training-ch@also.com or fortinet-ch@also.com

UPCOMING TRAININGS & WEBINARS

NSE 5 - FortiAnalyzer - Onlinekurs - Zertifizierungs Schulung	Online	21.04.2022 - 22.04.2022
NSE 4 FortiGate I - Security	Online	25.04.2022 - 27.04.2022
FortiGate (FortiOS 6.4) für Einsteiger	Online	27.04.2022 - 28.04.2022
NSE 4 FortiGate II - Infrastructure	Online	28.04.2022 - 29.04.2022
Adaptive Cloud Security Webinar - E-Mail Sicherheit in der Praxis	Online (english)	28.04.2022 - 28.04.2022
Fortinet Enterprise Firewall (NSE 7)	Online	02.05.2022 - 04.05.2022
NSE 5 - FortiManager - Onlinekurs - Zertifizierungs Schulung	Online	07.06.2022 - 08.06.2022

TECH & SNACK II

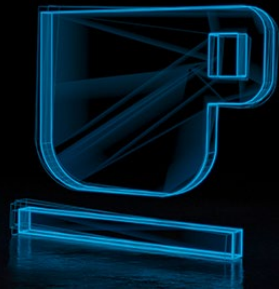
- ▶ **Date: Tuesday, June 21st, 2022**
- ▶ **Topic: FortiOS 7.2 – New Features**
- ▶ Fortinet Speaker: Andreas Tischer
- ▶ More Information & Link coming soon 😊



FORTI WIKI

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FORTI WIKI

► **Link:** <https://fortinet.also.ch/wiki>




- Same Username/Password as for ALSO Webshop (plus MFA)
- Only accessible for registered ALSO-Fortinet Partners
- In case of issues, contact: fortinet-ch@also.com

► **Our own Fortinet Encyclopedia**

- Constantly updated, includes:
 - Configurations & Templates
 - Optimizations & Best Practices
 - Troubleshooting
 - Known Issues/Alerts
 - Data Sheets & Schematics

Dokumentation	Fortinet Links
<ul style="list-style-type: none">• Fortinet Wiki Artikel• Check Point Wiki Artikel• Unterlagen zu ALSO Trainings• Allgemein• Linux• Uniform• Windows	<ul style="list-style-type: none">• Support Fortinet• Docu Fortinet• KB Fortinet• EOL Fortinet• FortiGuard Fortinet• Community Fortinet• Partner Fortinet

► Quick Links

Produkte Guide <small>New</small> März 2022	Produkte Matrix <small>New</small> März 2022	Wireless Produkte Matrix <small>New</small> März 2022	Fortinet Fabric Lizenz Guide Oktober 2020
Schematics <small>New</small> März 2022	Hardware Airflow <small>New</small> März 2022	Produkte Informationen/Datenblätter Neuestes Produkt: FortiAP U234F	Lizenz Matrix FortiGate Oktober 2020
Tipps&Tricks 	FortiGate FAQ: 	FortiGate FAQ: 	Support-Alerts  Letzter Eintrag:CSB-220207-1

► List of Newest Articles & Alerts

- 31.03.2022 **New** Release Notes FortiOS 7.2.0 
 - 18.03.2022 **New** Wie kann ich den Regional Code ermitteln fuer den FortiAP? 
 - 18.03.2022 **New** Welcher Wireless Client unterstützt welche Kanäle? 
 - 18.03.2022 **Update** Wo finde ich den Upgrade Pfad für das FortiAP OS?   
 - 18.03.2022 **New** Welche FortiAP OS Version verwende ich mit welchem FortiOS?   
 - 17.03.2022 **Update** Fortinet Export Classification Matrix 
 - 10.03.2022 **New** Wie kann ich Adressen aus Russland und Weissrussland auf der FortiGate blockieren? 
 - 10.03.2022 **New** Wie kann ich geographisch gebundene Adressobjekte erstellen?  
 - 17.02.2022 **Update** Wie kann ich unterbinden, dass private Netzwerke im Internet erreicht werden? 
 - 17.02.2022 **Alert** FortiOS 7.0.4 Proxy-Modus Applikations Kontrolle - CSB-220207-1 
 - 16.02.2022 **New** Wie kann ich das gesamte Konfigurationsfile einer FortiGate mit mehreren VDOMs sichern?  
 - 10.02.2022 **New** Release Notes FortiOS 7.0.5 
 - 06.01.2022 **New** Produktebeschreibung für FortiToken 
 - 05.01.2022 **New** Wieso kann ich keine Applikationen in den Traffic Shaping Policy auswählen? 
 - 05.01.2022 **New** Was kann ich tun, wenn die Remotedesktop Verbindung zu meinem Windows 10 System immer einfriert oder langsamer wird? 
 - 04.01.2022 **New** Wie kann ich den SSH Zugriff auf den ESXi Server aktivieren? 
 - 04.01.2022 **New** Wie kann ich sehen welche Durschsätze mein Interface auf dem ESXi Server zu verfügung stellen? 
-
- 17.02.2022 **Alert** FortiOS 7.0.4 Proxy-Modus Applikations Kontrolle - CSB-220207-1 
 - 14.12.2021 **Alert** Apache Log4j Vulnerability-CVE-2021-44228 
 - 01.10.2021 **Alert** Zugriff auf Websites mit SSL-Überprüfung blockiert 

FORTI WIKI

► Product Information & Data

- 2 x GE RJ45 MGMT/HA Ports
- 16 x GE RJ45 Ports
- 2 x 10GE SFP+ Slots
- 2 x 10GE SFP+ FortiLink Slots
- 8 x GE SFP Slots

- NP6X-Lite
- CPU
- 1U
- TPM
- AC 200W
- 480W

27 Gbps
Firewall throughput

280,000
New Sessions/Sec

3 Million
Concurrent Sessions

4 Gbps
SSL Inspection Throughput

5 Gbps
IPS Throughput

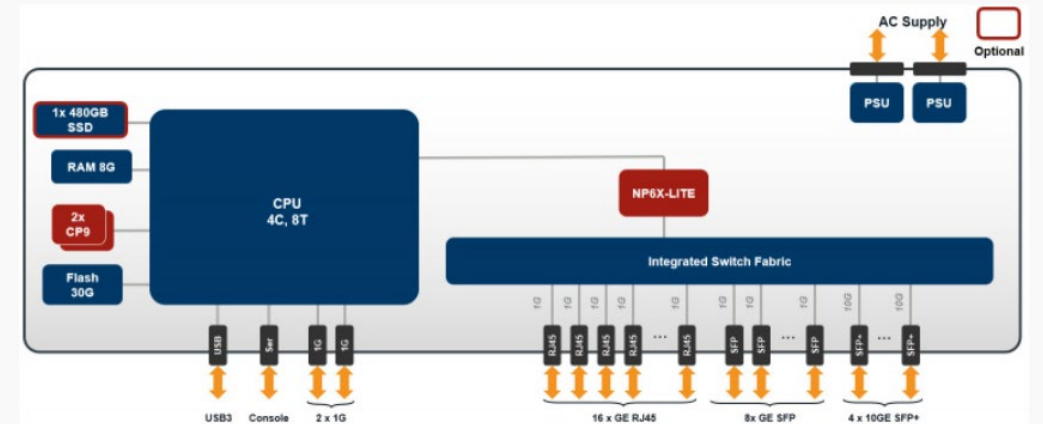
3.5 Gbps
NGFW Throughput

3 Gbps
Threat Protection Throughput

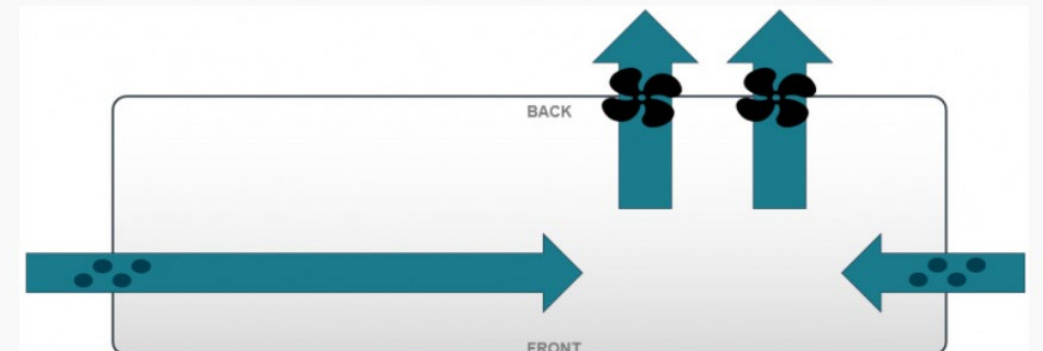
Enterprise Branch / Mid Enterprise
NGFW / Secure SD-WAN

5,000 256 64

Schematics:



Air-Flow:



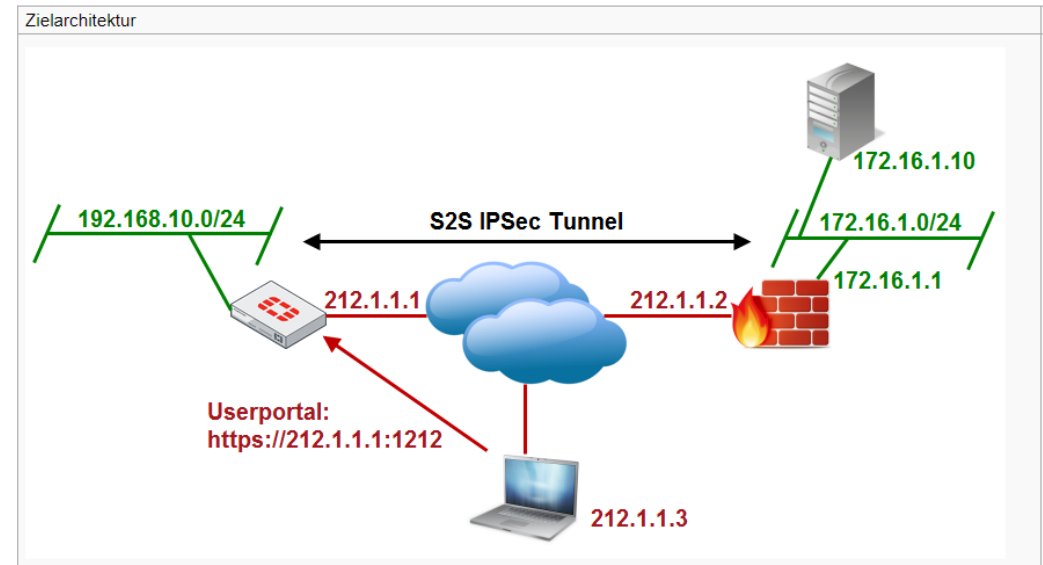
► FAQs & Detailed Instructions

48.4 Wie kann ich beim SSL-VPN ein Bookmarker konfigurieren, dass dieser ein Zielsystem im Internet erreicht?

Wenn ich beim SSL-VPN Webportal Bookmarker konfiguriere, habe ich die Möglichkeit, ein System in meinem Netz verfügbar zu machen. Jetzt damit ich das System im Internet erreiche, brauche ich eine neue Firewall Regel:

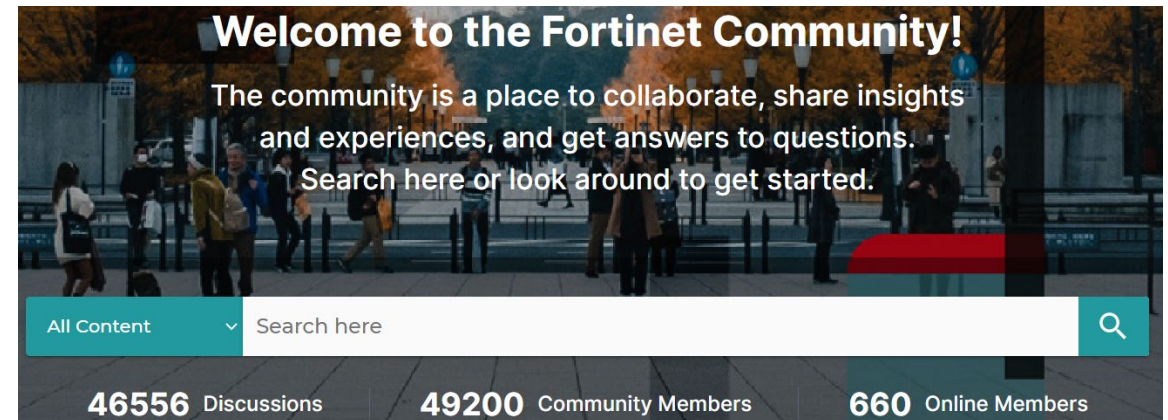
Configuration details for the Firewall Rule:

- ID: 78
- Name: l_sslVPN_2_test.ch
- Incoming Interface: SSL-VPN tunnel interface (ssl.roo) **SSL-VPN Interface**
- Outgoing Interface: vdom-wan1 **Interface welches ins Internet verbunden ist (WAN)**
- Source: net-office-ip-pool-root-198.18.10.0/24, gr_ssl_vpn_root **- ssl-vpn ip-pool Adresse - UserGruppe**
- Negate Source: ☐
- Destination: ext-80.74.138.140 **Systeme welche im Internet erreicht werden sollen**
- Negate Destination: ☐
- Schedule: always
- Service: HTTP, HTTPS, PING **Services definieren**
- Action: ☒ ACCEPT, ☐ DENY **Source Nat muss aktiviert werden (Interface oder IP-Pool)**
- Firewall / Network Options: NAT ☒
- IP Pool Configuration: Use Outgoing Interface Address, Use Dynamic IP Pool
- Preserve Source Port: ☐



FORTINET SOURCES

- ▶ <https://docs.fortinet.com>
 - ▶ Admin Guides
 - ▶ Release Notes
- ▶ <https://community.fortinet.com/>
 - ▶ Formerly: <https://kb.fortinet.com/>
 - ▶ Knowledge Based Articles & Technical Tips
- ▶ <https://support.fortinet.com>
 - ▶ Ticketing
 - ▶ Firmware Downloads (also HQIP)
- ▶ <https://fortiguard.com>
 - ▶ FortiGuard Labs Research Center

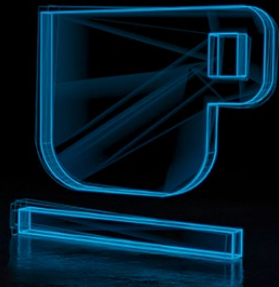




ATEC – ALSO TECHNICAL EXPERT CIRCLE

ALSO & FORTINET

Tech & Snack



ATEC – ALSO TECHNICAL EXPERT CIRCLE

▶ Panel of Technical Experts within ALSO

- ▶ Focus: Security, Network, Storage, Datacenter, Infrastructure
- ▶ Including: Fortinet, CheckPoint, Huawei, NetApp, Lenovo, Nutanix, Fujitsu, HP Enterprise, Cisco, VMware

▶ Wholistic Approach

- ▶ Exchange of Knowledge, Ideas, and Experience
- ▶ Cooperation regarding Projects & Campaigns
 - Analysis & Consulting
 - Purchasing & Logistics
 - Financing (ALSO Financial Services)

▶ Regular Webinars

▶ Contact: atec-ch@also.com

ATEC – ALSO TECHNICAL EXPERT CIRCLE

► Past Webinars



ALSO THE TECHNOLOGY PROVIDER

ALSO TECHNICAL EXPERT CIRCLE
ROUNDTABLE ZUM THEMA:

Intel / AMD im Vergleich

28. Januar 2021 10:00 - 11:00 Uhr

The poster features a dark blue background with a glowing server rack on the right side. The ALSO logo is in the top left corner.



ALSO THE TECHNOLOGY PROVIDER

ALSO TECHNICAL EXPERT CIRCLE
WEBCAST ZUM THEMA HYBRID CLOUD

22. OKTOBER 2020 10:00 - 11:00 UHR

The poster has a bright blue background with a large white cloud shape in the center. The ALSO logo is inside the cloud at the top.



ALSO THE TECHNOLOGY PROVIDER

ALSO TECHNICAL EXPERT CIRCLE
WEBCAST ZUM THEMA:

**sichere Remote Access
Lösungen für Ihr Homeoffice**

26. November 2020 10:00 - 11:00 Uhr

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UPCOMING ATEC WEBINAR

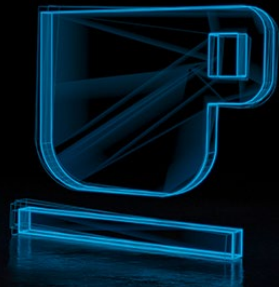
- ▶ **Date: Tuesday, May 3rd, 2022**
- ▶ **Topic: Sizing heterogener Infrastruktur** (in German)
 - ▶ Multi-Vendor Infrastructure, including: Fortinet, HP Enterprise, Fujitsu/Nutanix
 - ▶ Various types of Interfaces & Requirements
 - ▶ How to read & compare Datasheets
 - ▶ Speakers: Mark Schiller, Ivan Legnini, Martin Ruesch, Chris Tanasic
- ▶ **Link:** <https://www.also-training.ch/de/module/trainings/1037-also-technical-expert-circle-sizing-heterogener-infrastruktur?event=4088>



MAIN PART: FORTI DECEPTOR

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REMINDER

- ▶ If you want to participate in the **Hands-on Lab (afternoon)**
 - ▶ Please write an E-Mail to: aholzer@fortinet.com
 - ▶ No later than **11:00 (!)**
- ▶ Lab will start at **13:00** and close at **16:00**
- ▶ Alexander will be available in the chat
- ▶ You will receive **Instructions & Lab Guide** by E-Mail

THANK YOU

